

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A current conductor made of braided wire and formed of braided groups of wire strands intersecting one another at an angle, wherein the angle of intersection between the groups (11, 11a, 11b) intersecting one another is $90^{\circ} \pm 30^{\circ}$, the braid has a closed cross-sectional profile, and a spacer insert (12) is positioned within the cross section for preserving the shape of the profile, **characterized** in that the current conductor is used for current densities exceeding 5 A/mm^2 and the strands in each group are insulated from one another, and said braided groups of wire continuously covering the outer surface of said spacer insert (12).

2. (Original) The current conductor as defined in claim 1, **characterized** in that each group contains a single strand.

3. (Original) The current conductor as defined in claim 1, **characterized** in that each group contains a plurality of parallel, elemental strands.

4. (Currently Amended) The current conductor as defined in claim 3 [[4]], **characterized** in that the strands carry an enamel insulation.

5. (Original) The current conductor as defined in claim 1, **characterized** in that the spacer insert (12) has a circular or elliptical cross section.

6. (Original) The current conductor as defined in claim 1, **characterized** in that the spacer insert (12) is a tube having an inner cavity (13).

7. (Original) The current conductor as defined in claim 7, **characterized** in that a coolant liquid may be passed through the inner cavity (13) of the spacer insert (12).

8. (Original) The current conductor as defined in claim 1, **characterized** in that in the inner cavity (13) of the spacer insert (12) an additional conductor or an additional wire being positioned.